

## EAST Search History

|     |     |   |                    |    |    |                  |
|-----|-----|---|--------------------|----|----|------------------|
| S9  | 22  | ((cycloolefin) or (cyclo\$1olefin\$1) or (cyclo adj1 olefin) or (cyclicolefin) or (cyclic\$1olefin\$1) or (cyclic adj1 olefin)) adj1 (copolymer or co\$1polymer\$1) and (yellowness adj1 index) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:02 |
| S10 | 26  | ((cycloolefin) or (cyclo\$1olefin\$1) or (cyclo adj1 olefin) or (cyclicolefin) or (cyclic\$1olefin\$1) or (cyclic adj1 olefin)) adj1 (copolymer or co\$1polymer\$1) and (yellow\$4 adj1 index)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:02 |
| S11 | 4   | S10 not S9  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:02 |
| S12 | 1   | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same (yellowness adj1 index)                                  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:09 |
| S13 | 1   | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same (yellowness adj1 index)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:09 |
| S14 | 0   | norbornene same ethylene same (yellowness adj1 index)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:10 |
| S15 | 0   | norbornene same ethylene and (yellowness adj1 index)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:10 |
| S16 | 1   | norbornene same ethylene same (yellowness adj1 index)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:10 |
| S17 | 293 | norbornene same ethylene and (yellowness adj1 index)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:10 |
| S18 | 1   | norbornene same ethylene and (yellowness adj1 index) same tint adj1 modifier  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:11 |
| S19 | 1   | norbornene same ethylene and (yellowness adj1 index) and tint adj1 modifier   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:11 |
| S20 | 1   | (yellowness adj1 index) and tint adj1 modifier  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:11 |
| S21 | 1   | (yellow\$4 adj1 index) and tint adj1 modifier   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:11 |
| S22 | 120 | (yellow\$4 adj1 index) and color\$4 adj1 agent  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:11 |

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|     |      |  |                    |    |    |                  |
|-----|------|--|--------------------|----|----|------------------|
| S23 | 2    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellow\$4 adj1 index) and color\$4 adj1 agent | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:12 |
| S25 | 4    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and (yellow\$4 adj1 index) and color\$4 adj1 agent                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:18 |
| S26 | 1    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and (yellow\$4 adj1 index) and tint adj1 modif\$3                                      | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:18 |
| S27 | 1    | (yellow\$4 adj1 index) and tint adj1 modif\$3  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:18 |
| S28 | 119  | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1)                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:19 |
| S29 | 1    | cosmetic adj1 container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1)                       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:20 |
| S30 | 1616 | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:20 |
| S31 | 1    | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellowness adj1 index)         | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:20 |
| S32 | 1    | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellow\$4 adj1 index)          | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:20 |

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|     |       |   |                    |    |    |                  |
|-----|-------|---|--------------------|----|----|------------------|
| S33 | 2     | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellow\$4 adj1 index or yi) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:22 |
| S34 | 52    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellow\$4 adj1 index or yi)                | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:22 |
| S35 | 36    | S34 and (transparent or transparency)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/16 18:22 |
| S36 | 1     | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same (yellowness adj1 index or ".delta.yi" or yi)                    | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 16:29 |
| S37 | 0     | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same ".delta.yi"   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:08 |
| S38 | 0     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same ".delta.yi"  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:08 |
| S39 | 0     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same ".delta.yi"  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:11 |
| S40 | 0     | ".delta.yi"   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:11 |
| S41 | 837   | change same (yi or yellow\$4 adj1 index or yellow adj1 index)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:11 |
| S42 | 22567 | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same change (yi or yellow\$4 adj1 index or yellow adj1 index)                       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:11 |
| S43 | 22567 | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same change (yi or yellow\$4 adj1 index or yellow adj1 index)                       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:12 |

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|     |       |  |                    |    |    |                  |
|-----|-------|--|--------------------|----|----|------------------|
| S44 | 1     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same change same (yi or yellow\$4 adj1 index or yellow adj1 index) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:12 |
| S45 | 2     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same (".DELTA.YI" or yellow\$4 adj1 index or yellow adj1 index)    | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:13 |
| S46 | 0     | ".DELTA.YI"  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:13 |
| S47 | 0     | ".DELTA.YI"  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:13 |
| S48 | 0     | ("DELTA.YI")   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:13 |
| S49 | 22381 | \$1YI  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:13 |
| S50 | 0     | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same \$1yi  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:14 |
| S51 | 0     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same \$1yi   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:14 |
| S52 | 2     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) same \$7yi   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:17 |
| S53 | 152   | container same \$7yi   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:17 |
| S54 | 447   | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and \$7yi  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:17 |
| S55 | 93    | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and \$7yi  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:18 |
| S56 | 9     | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and \$7yi and color\$3 adj1 agent                    | US-PGPUB;<br>USPAT | OR | ON | 2006/02/17 15:18 |

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|     |      |  |                        |    |    |                  |
|-----|------|--|------------------------|----|----|------------------|
| S57 | 9    | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and \$7yi and (color or color\$3) adj1 agent                                       | US-PGPUB; USPAT        | OR | ON | 2006/02/17 15:22 |
| S58 | 11   | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and (\$7yi ot (yellow or yellow\$4) adj1 index) and (color or color\$3) adj1 agent | US-PGPUB; USPAT        | OR | ON | 2006/02/17 16:13 |
| S59 | 9    | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) and (\$7yi or (yellow or yellow\$4) adj1 index) and (color or color\$3) adj1 agent | US-PGPUB; USPAT        | OR | ON | 2006/02/17 16:18 |
| S60 | 4    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin)and (yellow\$4 adj1 index) and color\$4 adj1 agent  | US-PGPUB; USPAT        | OR | ON | 2006/02/17 16:31 |
| S61 | 4    | ("4874808"   "5270393"   "5439722"   "5965665").PN. OR ("6951898").URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/02/17 16:48 |
| S62 | 1    | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) same (yellowness adj1 index)                  | US-PGPUB; USPAT        | OR | ON | 2006/02/21 13:16 |
| S63 | 1    | ((yellowness adj1 index) or YI or \$7yi) and (tint adj1 modif\$4)  | US-PGPUB; USPAT        | OR | ON | 2006/02/21 11:23 |
| S64 | 1    | ((((yellow\$4 or yellow or y) adj1 index) or YI or \$7yi) and (tint adj1 modif\$4)   | US-PGPUB; USPAT        | OR | ON | 2006/02/21 11:23 |
| S65 | 1409 | ((((yellow\$4 or yellow or y) adj1 index) or YI or \$7yi) and ((tint adj1 modif\$4) or ((color or color\$3) adj1 (agent))))  | US-PGPUB; USPAT        | OR | ON | 2006/02/21 11:24 |
| S66 | 17   | ((((yellow\$4 or yellow or y) adj1 index) or YI or \$7yi) same ((tint adj1 modif\$4) or ((color or color\$3) adj1 (agent))))   | US-PGPUB; USPAT        | OR | ON | 2006/02/21 11:25 |
| S68 | 937  | ((((yellow\$4 or yellow or y) adj1 index) or YI or \$7yi or yellow\$3) same ((tint adj1 modif\$4) or ((color or color\$3) adj1 (agent)))) and container  | US-PGPUB; USPAT        | OR | ON | 2006/02/21 11:27 |

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|     |       |   |                    |    |     |                  |
|-----|-------|---|--------------------|----|-----|------------------|
| S69 | 3     | ((yellow\$4 or yellow or y) adj1 index) or YI or \$7yi or yellow\$3) same ((tint adj1 modif\$4) or ((color or color\$3) adj1 (agent))) and cosmetic adj1 container  | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 11:36 |
| S70 | 4     | (("6068936") or ("6316560") or ("6342549") or ("6365686")).PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/21 11:37 |
| S71 | 0     | S70 and (yellow or Yellow\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 11:37 |
| S72 | 12197 | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin or coc)  | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 11:39 |
| S73 | 11    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin or coc) same ((tint or color or color\$3 or tint\$3) near1 (agent or modifier))  | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 11:41 |
| S74 | 548   | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin or coc) and ((tint or color or color\$3 or tint\$3) near1 (agent or modifier))   | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 11:41 |
| S75 | 259   | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin or coc) and ((tint or color or color\$3 or tint\$3) near1 (agent or modifier)) and (yellow or yellow\$3 or yi or \$7yi)  | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 12:06 |
| S76 | 97    | S75 and container   | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 12:05 |
| S77 | 26    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin or coc) and ((tint or color or color\$3 or tint\$3) near1 (agent or modifier)) same (yellow or yellow\$3 or yi or \$7yi) | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 13:16 |
| S78 | 0     | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) same (yi)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/02/21 13:17 |

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|     |      |  |                    |    |    |                  |
|-----|------|--|--------------------|----|----|------------------|
| S79 | 2    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) same (\$7yi)               | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 14:35 |
| S80 | 24   | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) same (yellow or yellow\$4) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:43 |
| S81 | 2955 | (yellow or yellow\$4) adj1 index   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 14:40 |
| S82 | 4    | (yellow or yellow\$4) adj1 index same coloring adj1 agent  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 14:41 |
| S83 | 1    | (yellow or yellow\$4) adj1 index same tint adj1 modifier   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:29 |
| S84 | 4    | (yellow or yellow\$4) adj1 index same coloring adj1 agent  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:29 |
| S85 | 0    | norbornene same ethylene same (yellow or yellow\$4) adj1 index same coloring adj1 agent  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:29 |
| S86 | 2    | norbornene same ethylene same (yellow or yellow\$4) adj1 index   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:31 |
| S87 | 2    | norbornene same ethylene same ((yellow or yellow\$4) adj1 index or yi)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:31 |
| S88 | 386  | norbornene same ethylene and ((yellow or yellow\$4) adj1 index or yi)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:36 |
| S89 | 63   | norbornene same ethylene and ((yellow or yellow\$4) adj1 index or yi) and container  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:32 |
| S90 | 1    | norbornene same ethylene and ((yellow or yellow\$4) adj1 index or yi) same coloring adj1 agent and container   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:33 |
| S91 | 1    | norbornene same ethylene and ((yellow or yellow\$4) adj1 index or yi) same (tint or coloring) adj1 (agent or modifier) and container   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:33 |
| S92 | 1    | norbornene same ethylene and ((yellow or yellow\$4) adj1 index or yi) same (tint or coloring) adj1 (agent or modifier)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:35 |
| S93 | 1    | coc and ((yellow or yellow\$4) adj1 index or yi) same (tint or coloring) adj1 (agent or modifier)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:33 |

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|      |        |  |                 |    |    |                  |
|------|--------|--|-----------------|----|----|------------------|
| S94  | 3      | norbornene same ethylene and ((yellow or yellow\$4) adj1 index or yi) and (tint or coloring) adj1 (agent or modifier)  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:35 |
| S95  | 2      | coc and((yellow or yellow\$4) adj1 index or yi) and (tint or coloring) adj1 (agent or modifier)  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:35 |
| S96  | 2      | coc and ((yellow or yellow\$4) adj1 index or yi) and (tint or coloring) adj1 (agent or modifier)   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:35 |
| S97  | 113    | coc and ((yellow or yellow\$4)) and (tint or coloring) adj1 (agent or modifier)  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:35 |
| S98  | 23     | norbornene same ethylene and ((yellow or yellow\$4)) same (tint or coloring) adj1 (agent or modifier)  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:36 |
| S99  | 957    | cosmetic adj1 container  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:36 |
| S100 | 12     | norbornene same ethylene and cosmetic adj1 container   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:37 |
| S101 | 3      | norbornene same ethylene and cosmetic adj1 container and (yellow or Yellow\$4)   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:40 |
| S102 | 327    | norbornene same ethylene and (yellow or Yellow\$4) adj1 index  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:40 |
| S103 | 13     | norbornene same ethylene and ((yellow or Yellow\$4) adj1 index) and ((color or color\$3 or tint or tint\$3) adj1 (agent or modifier or pigment or dye))  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:42 |
| S104 | 2      | ((cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) or coc )same (yellow or yellow\$4) near index | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:44 |
| S105 | 285926 | comparative (yellow or yellow\$4) near index   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:44 |
| S106 | 2      | comparative adj1 (yellow or yellow\$4) near index  | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:44 |
| S107 | 3039   | (yellow or yellow\$4) near index   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:44 |
| S108 | 524    | (yellow or yellow\$4) near index and container   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:45 |
| S109 | 10     | coc and (yellow or yellow\$4) near index and container   | US-PGPUB; USPAT | OR | ON | 2006/02/21 15:47 |



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|          |       |  |                    |    |    |                  |
|----------|-------|--|--------------------|----|----|------------------|
| S11<br>0 | 1     | coc and (yellow or yellow\$4) near index and tint adj1 modifier  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:47 |
| S11<br>1 | 1     | (yellow or yellow\$4) near index and tint adj1 modifier  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:47 |
| S11<br>2 | 1     | (yellow or yellow\$4) near index and tint near1 modifier   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:47 |
| S11<br>3 | 136   | (yellow or yellow\$4) near index and coloring adj1 agent   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:49 |
| S11<br>4 | 1     | coc and (yellow or yellow\$4) near index and coloring adj1 agent   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:48 |
| S11<br>5 | 136   | (yellow or yellow\$4) near index and coloring adj1 agent   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:48 |
| S11<br>6 | 21178 | (yellow or yellow\$4)and coloring adj1 agent   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:49 |
| S11<br>7 | 95410 | coc nd (yellow or yellow\$4)and coloring adj1 agent  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:49 |
| S11<br>8 | 113   | coc and (yellow or yellow\$4)and coloring adj1 agent   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/21 15:49 |
| S11<br>9 | 21    | ((yellow\$4 or yellow) near1 index) or yi or \$7yi) same ((tint or color or colour or color\$4) near1 (modifier or agent))             | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:01 |
| S12<br>0 | 6     | ((yellow\$4 or yellow) near1 index) or yi or \$7yi) same ((tint or color or colour or color\$4) near1 (modifier or agent)) and polymer | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:03 |
| S12<br>1 | 14243 | ((yellow\$4 or yellow) near1 index) or yi or \$7yi) and polymer  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:03 |
| S12<br>2 | 0     | compartive near1 ((yellow\$4 or yellow) near1 index) or yi or \$7yi) and polymer   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:04 |
| S12<br>3 | 0     | compartive near1 ((yellow\$4 or yellow) near1 index) or yi or \$7yi)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:04 |
| S12<br>4 | 13    | comparative near1 ((yellow\$4 or yellow) near1 index) or yi or \$7yi)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:07 |
| S12<br>5 | 0     | suppresion same(((yellow\$4 or yellow) near1 index) or yi or \$7yi)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:08 |
| S12<br>6 | 2460  | (lower or less or lower\$3 or Less\$5) same(((yellow\$4 or yellow) near1 index) or yi or \$7yi)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:08 |
| S12<br>7 | 1283  | (lower or less or lower\$3 or Less\$5) same(((yellow\$4 or yellow) near1 index) or yi or \$7yi) and polymer                            | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:09 |
| S12<br>8 | 2460  | (lower or less or lower\$3 or Less\$5) same (((yellow\$4 or yellow) near1 index) or yi or \$7yi)                                       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:09 |

## EAST Search History

|          |        |  |                    |    |    |                  |
|----------|--------|--|--------------------|----|----|------------------|
| S12<br>9 | 5      | coc same (((yellow\$4 or yellow)<br>near1 index) or yi or \$7yi)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:28 |
| S13<br>0 | 500    | coc same DIN "6187"  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:28 |
| S13<br>1 | 1      | coc same (DIN adj1 "6187" or<br>DIN6187)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:28 |
| S13<br>2 | 5      | (cycloolefin or cyclo\$1olefin\$1 or<br>cyclo adj1 olefin or cyclicolefin or<br>cyclic\$1olefin\$1 or cyclic adj1 olefin<br>or coc) same (((yellow\$4 or yellow)<br>near1 index) or yi or \$7yi) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:30 |
| S13<br>3 | 121    | (cycloolefin or cyclo\$1olefin\$1 or<br>cyclo adj1 olefin or cyclicolefin or<br>cyclic\$1olefin\$1 or cyclic adj1 olefin<br>or coc) same (yellow\$4 or yellow)                                   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:09 |
| S13<br>4 | 1      | (cycloolefin or cyclo\$1olefin\$1 or<br>cyclo adj1 olefin or cyclicolefin or<br>cyclic\$1olefin\$1 or cyclic adj1 olefin<br>or coc) same (cosmetic adj1<br>container)                            | US-PGPUB;<br>USPAT | OR | ON | 2006/02/24 11:31 |
| S13<br>5 | 1      | 10/769167  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:10 |
| S13<br>6 | 1      | S135 and (yellow or Yellow\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:49 |
| S13<br>7 | 146729 | (transparent or clear) and (yellow<br>or Yellow\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:43 |
| S13<br>8 | 270    | (transparent or clear) and (yellow<br>or Yellow\$4) same (color or tint)<br>adj1 (modifier or additive or agent)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:15 |
| S13<br>9 | 1      | S138 and (cycloolefin or<br>cyclo\$1olefin\$1 or cyclo adj1 olefin<br>or cyclicolefin or cyclic\$1olefin\$1 or<br>cyclic adj1 olefin)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:12 |
| S14<br>0 | 1      | S138 and (cycloolefin or<br>cyclo\$1olefin\$1 or cyclo adj1 olefin<br>or cyclicolefin or cyclic\$1olefin\$1 or<br>cyclic adj1 olefin or coc)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:12 |
| S14<br>1 | 0      | (transparent or clear) and (yellow<br>or Yellow\$4) adj1 removal same<br>(color or tint) adj1 (modifier or<br>additive or agent)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:13 |
| S14<br>2 | 0      | (transparent or clear) and (yellow<br>or Yellow\$4) adj1 suppression same<br>(color or tint) adj1 (modifier or<br>additive or agent)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:13 |
| S14<br>3 | 32     | polymer same (yellow or Yellow\$4)<br>same (color or tint) adj1 (modifier<br>or additive or agent)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 10:20 |

## EAST Search History

|          |        |   |                              |    |    |                  |
|----------|--------|---|------------------------------|----|----|------------------|
| S14<br>4 | 0      | ("2004/0170785").URPN.  | USPAT                        | OR | ON | 2006/02/27 10:20 |
| S14<br>5 | 17714  | polymer same (yellow or Yellow\$4)  | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:20 |
| S14<br>6 | 506    | polymer same (yellow or Yellow\$4)<br>adj1 index                                    | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:21 |
| S14<br>7 | 8      | polymer same (yellow or Yellow\$4)<br>adj1 index same blue                          | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:23 |
| S14<br>8 | 155    | (yellow or Yellow\$4) adj1 index<br>same blue                                       | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:43 |
| S14<br>9 | 6      | ("3061583"   "3231529"  <br>"3539480").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/02/27 10:42 |
| S15<br>0 | 0      | S149 and (yellow or Yellow\$4)<br>same blue   | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:43 |
| S15<br>1 | 0      | S149 and (yellow or Yellow\$4) and<br>blue  | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:43 |
| S15<br>2 | 38     | (yellow or Yellow\$4) adj1 index and<br>blue adj1 pigment                           | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:44 |
| S15<br>3 | 18     | S152 and S148   | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:44 |
| S15<br>4 | 20     | S152 not S148   | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:49 |
| S15<br>5 | 2588   | norbornene same ethylene and<br>(yellow or Yellow\$4)                               | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:49 |
| S15<br>6 | 0      | norbornene same ethylene and<br>(yellow or Yellow\$4) adj1 index                    | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:49 |
| S15<br>7 | 327    | norbornene same ethylene and<br>(yellow or Yellow\$4) adj1 index                    | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:50 |
| S15<br>8 | 0      | norbornene same ethylene and<br>(yellow or Yellow\$4) adj1 index and<br>transparent | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:50 |
| S15<br>9 | 86     | norbornene same ethylene and<br>(yellow or Yellow\$4) adj1 index and<br>transparent | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:50 |
| S16<br>0 | 48     | norbornene same ethylene and<br>(yellow or Yellow\$4) adj1 index and<br>container   | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 10:51 |
| S16<br>1 | 119412 | (yellow or yellow\$4) and (blue or<br>blu\$5)                                       | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 11:31 |
| S16<br>2 | 119412 | (yellow or yellow\$4) and (blue adj1<br>toner or blu\$5)                            | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 11:32 |
| S16<br>3 | 73391  | (yellow or yellow\$4) same (blue<br>adj1 toner or blu\$5)                           | US-PGPUB;<br>USPAT           | OR | ON | 2006/02/27 11:32 |

## EAST Search History

|          |      |   |                    |    |    |                  |
|----------|------|---|--------------------|----|----|------------------|
| S16<br>4 | 181  | (yellow or yellow\$4) adj1 index same (blue adj1 toner or blu\$5)                                 | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:32 |
| S16<br>5 | 134  | (yellow or yellow\$4) adj1 index same (blue adj1 toner or blu\$5) not golf                        | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:33 |
| S16<br>6 | 2    | (yellow or yellow\$4) adj1 index same (blue adj1 toner or blu\$5) and coc not golf                | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:33 |
| S16<br>7 | 11   | (yellow or yellow\$4) adj1 index same (blue adj1 toner or blu\$5) and norbornene not golf         | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:35 |
| S16<br>8 | 11   | (yellow or yellow\$4) adj1 index same (blue or blu\$5) and norbornene not golf                    | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:35 |
| S16<br>9 | 109  | (yellow or yellow\$4) adj1 index and (blue or blu\$5) and norbornene not golf                     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:36 |
| S17<br>0 | 83   | (yellow or yellow\$4) adj1 index and (blue or blu\$5) and norbornene same ethylene not golf       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:38 |
| S17<br>1 | 9    | (yellow or yellow\$4) adj1 index same (blue or blu\$5) and norbornene same ethylene not golf      | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:39 |
| S17<br>2 | 2    | (yellow or yellow\$4) adj1 index same norbornene same ethylene not golf                           | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:40 |
| S17<br>3 | 326  | (yellow or yellow\$4) adj1 index and norbornene same ethylene not golf                            | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 15:20 |
| S17<br>4 | 0    | (counteract or counteract%3) adj1 yellow adj1 color same blue adj1 (color or toner or pigment)    | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:54 |
| S17<br>5 | 0    | (counteract or counteract%3) adj1 yellow adj1 color same blue adj3 (color or toner or pigment)    | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:54 |
| S17<br>6 | 2458 | yellow adj1 color same blue adj3 (color or toner or pigment)                                      | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:54 |
| S17<br>7 | 15   | yellow adj1 color same blue adj3 (color or toner or pigment) and (yellow or yellow\$4) adj1 index | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 11:54 |
| S17<br>8 | 48   | (yellow or yellow\$4) adj1 index and norbornene same ethylene not golf and container              | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 15:24 |
| S17<br>9 | 28   | norbornene same ethylene same container   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 15:26 |
| S18<br>0 | 6    | S179 and (yellow or yellow\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 15:27 |

## EAST Search History

|          |      |  |                    |    |    |                  |
|----------|------|--|--------------------|----|----|------------------|
| S18<br>1 | 7    | wurtzel.in.  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 15:28 |
| S18<br>2 | 12   | daecher.in.  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/27 16:24 |
| S18<br>3 | 1631 | norbornene same ethylene and<br>container  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:40 |
| S18<br>4 | 47   | norbornene same ethylene and<br>container same cosmetic                              | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:48 |
| S18<br>5 | 16   | norbornene same ethylene and<br>container same cosmetic and<br>(yellow or yellow\$4) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:51 |
| S18<br>6 | 543  | norbornene same ethylene and<br>container and (yellow or yellow\$4)                  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:55 |
| S18<br>7 | 527  | S186 not S185  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:51 |
| S18<br>8 | 250  | S187 and (blue or blu\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:52 |
| S18<br>9 | 25   | S188 and (yellow or yellow\$4) adj1<br>index   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:53 |
| S19<br>0 | 166  | norbornene near5 ethylene and<br>container and (yellow or yellow\$4)                 | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:55 |
| S19<br>1 | 16   | coc same norbornene near5<br>ethylene and container and (yellow<br>or yellow\$4)     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:10 |
| S19<br>2 | 17   | coc same norbornene same<br>ethylene and container and (yellow<br>or yellow\$4)      | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 13:57 |
| S19<br>3 | 76   | coc same norbornene same<br>ethylene and container                                   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:02 |
| S19<br>4 | 17   | coc same norbornene same<br>ethylene and container and<br>(yellow\$4 or yellow)      | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:03 |
| S19<br>5 | 59   | coc same norbornene same<br>ethylene and (yellow\$4 or yellow)                       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:11 |
| S19<br>6 | 42   | S195 not S194  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:03 |
| S19<br>7 | 0    | ("2003/0149148").URPN.   | USPAT              | OR | ON | 2006/02/28 14:08 |
| S19<br>8 | 17   | coc same norbornene with ethylene<br>and container and (yellow or<br>yellow\$4)      | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:11 |
| S19<br>9 | 433  | norbornene with ethylene and<br>container and (yellow or yellow\$4)                  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:11 |

## EAST Search History

|          |     |  |                    |    |    |                  |
|----------|-----|--|--------------------|----|----|------------------|
| S20<br>0 | 45  | norbornene with ethylene and container and (yellow or yellow\$4) adj1 index                  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:15 |
| S20<br>1 | 78  | norbornene with ethylene and (yellow or yellow\$4) adj1 index and (blue or blu\$%)           | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:22 |
| S20<br>2 | 9   | coc same (norbornene and ethylene) and (yellow or yellow\$4) adj1 index and (blue or blu\$%) | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:24 |
| S20<br>3 | 960 | cosmetic adj1 container  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:23 |
| S20<br>4 | 9   | coc and cosmetic adj1 container  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:23 |
| S20<br>5 | 105 | coc same container   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:24 |
| S20<br>6 | 76  | coc same (norbornene and ethylene) and container   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 14:24 |
| S20<br>7 | 738 | coc and (blue or blu\$5)   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:03 |
| S20<br>8 | 343 | coc and (blue or blu\$5) and (yellow and yellow\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:04 |
| S20<br>9 | 2   | coc and (blue or blu\$5) and (yellow and yellow\$4) adj1 index                               | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:04 |
| S21<br>0 | 115 | polymer and (blue or blu\$5) and (yellow and yellow\$4) adj1 index                           | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:06 |
| S21<br>1 | 5   | coc and (blue or blu\$5) and reduc\$4 adj1 (yellow and yellow\$4)                            | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:06 |
| S21<br>2 | 208 | polymer and (blue or blu\$5) and reduc\$4 adj1 (yellow and yellow\$4)                        | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:09 |
| S21<br>3 | 0   | polymer and (blue or blu\$5) and reduc\$4 adj1 (yellow and yellow\$4) adj1 index             | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:09 |
| S21<br>4 | 0   | polymer and (blue) and reduc\$4 adj1 (yellow and yellow\$4) adj1 index                       | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:09 |
| S21<br>5 | 0   | coc and (blue) and reduc\$4 adj1 (yellow and yellow\$4) adj1 index                           | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:09 |
| S21<br>6 | 2   | coc and (blue) and (yellow and yellow\$4) adj1 index   | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:09 |
| S21<br>7 | 105 | polymer and (blue) and (yellow and yellow\$4) adj1 index                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/02/28 15:09 |
| S21<br>8 | 1   | norbornene same ethylene same cosmetic adj1 container  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 13:46 |
| S21<br>9 | 12  | norbornene same ethylene and cosmetic adj1 container   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 13:48 |

## EAST Search History

|          |      |   |                              |    |     |                  |
|----------|------|---|------------------------------|----|-----|------------------|
| S22<br>0 | 21   | ("4874808"   "5298551").PN. OR<br>("5532030").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/03/01 13:48 |
| S22<br>1 | 1631 | norbornene same ethylene and<br>container   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:48 |
| S22<br>2 | 28   | norbornene same ethylene same<br>container  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:48 |
| S22<br>3 | 421  | transparent and norbornene same<br>ethylene and container   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:49 |
| S22<br>4 | 4    | transparent and norbornene same<br>ethylene and cosmetic adj1<br>container  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:55 |
| S22<br>5 | 1    | "20040077787"   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:53 |
| S22<br>6 | 0    | S225 and (yellow or yellow\$4) and<br>container   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:54 |
| S22<br>7 | 1    | S225 and container  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:54 |
| S22<br>8 | 1    | transparent and ((copolymer or<br>co\$1polymer\$1) adj norbornene<br>near3 ethylene) and cosmetic adj1<br>container | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:56 |
| S22<br>9 | 2    | ((copolymer or co\$1polymer\$1) adj<br>norbornene near3 ethylene) and<br>cosmetic adj1 container                    | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 13:56 |
| S23<br>0 | 32   | transparent and ((copolymer or<br>co\$1polymer\$1) adj norbornene<br>near3 ethylene) and container                  | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 14:19 |
| S23<br>1 | 32   | transparent and ((copolymer or<br>co\$1polymer\$1) adj<br>\$1norbornene\$1 near3<br>\$1ethylene\$1) and container   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 14:20 |
| S23<br>2 | 66   | transparent and ((copolymer or<br>co\$1polymer\$1) adj<br>(\$1norbornene\$1 near3<br>\$1ethylene\$1)) and container | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 14:27 |
| S23<br>3 | 40   | S232 not S230   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 14:20 |
| S23<br>4 | 30   | transparent and ((copolymer or<br>co\$1polymer\$1) adj<br>(\$1norbornene\$1 near3<br>\$1ethylene\$1)) and bottle    | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 14:33 |
| S23<br>5 | 14   | S234 not S233   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01 14:30 |
| S23<br>6 | 1    | ("5,087,677").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01 14:30 |

## EAST Search History

|          |     |   |                    |    |    |                  |
|----------|-----|---|--------------------|----|----|------------------|
| S23<br>7 | 50  | ((copolymer or co\$1polymer\$1) adj (\$1norbornene\$1 near3 \$1ethylene\$1)) and bottle                                     | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 14:33 |
| S23<br>8 | 73  | ((copolymer or co\$1polymer\$1) adj (\$1norbornene\$1 near3 \$1ethylene\$1)) and (yellow or yellow\$4)                      | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:53 |
| S23<br>9 | 30  | transpar\$4 and ((copolymer or co\$1polymer\$1) adj (\$1norbornene\$1 near3 \$1ethylene\$1)) and (yellow or yellow\$4)      | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 14:35 |
| S24<br>0 | 3   | ((copolymer or co\$1polymer\$1) adj (\$1norbornene\$1 near3 \$1ethylene\$1)) and (yellow or yellow\$4) adj1 index           | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 14:39 |
| S24<br>1 | 1   | ((copolymer or co\$1polymer\$1) adj (\$1norbornene\$1 near3 \$1ethylene\$1)) and tint adj1 modifier                         | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:11 |
| S24<br>2 | 98  | ((copolymer or co\$1polymer\$1) adj (\$1norbornene\$1 near3 \$1ethylene\$1)) and container                                  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:52 |
| S24<br>3 | 142 | ((copolymer or co\$1polymer\$1) adj (norbornene near3 ethylene)) and transparent  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:53 |
| S24<br>4 | 390 | ((copolymer or co\$1polymer\$1) same (\$1norbornene\$1 near3 \$1ethylene\$1)) and container                                 | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:58 |
| S24<br>5 | 180 | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near3 \$1ethylene\$1)) and container                                | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:58 |
| S24<br>6 | 117 | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and container                                | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 15:59 |
| S24<br>7 | 7   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and (yellow or yellow\$4) adj1 index         | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 16:00 |
| S24<br>8 | 8   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and ((yellow or yellow\$4) adj1 index or yi) | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 16:08 |
| S24<br>9 | 55  | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and bottle                                   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/01 16:12 |



## EAST Search History

|          |     |  |                              |    |    |                  |
|----------|-----|--|------------------------------|----|----|------------------|
| S25<br>0 | 5   | ("4104325"   "5094806"   "5274032"   "5304606"   "5324801").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/03/01 16:10 |
| S25<br>1 | 1   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and S250  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/01 16:11 |
| S25<br>2 | 0   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and S250 and bottle   | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/01 16:11 |
| S25<br>3 | 0   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and S250 and container  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/01 16:11 |
| S25<br>4 | 261 | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and glass adj1 transition adj1 (temp or temperature)                            | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/01 16:13 |
| S25<br>5 | 77  | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and glass adj1 transition adj1 (temp or temperature) and container              | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/01 16:47 |
| S25<br>6 | 2   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) same (container or bottle) and glass adj1 transition adj1 (temp or temperature) | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/01 16:48 |
| S25<br>7 | 90  | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and (container or bottle) and glass adj1 transition adj1 (temp or temperature)  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/02 10:25 |
| S25<br>8 | 1   | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and (container or bottle) and tint adj1 modifier                                | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/02 11:43 |
| S25<br>9 | 66  | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and (container or bottle) and (pigment or colorant or tint)                     | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/02 10:32 |
| S26<br>0 | 189 | (\$1norbornene\$1 near1 \$1ethylene\$1) and (container or bottle) and (pigment or colorant or tint)  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/02 10:35 |
| S26<br>1 | 123 | S260 not S259  | US-PGPUB;<br>USPAT           | OR | ON | 2006/03/02 10:32 |

## EAST Search History

|          |     |   |                    |    |    |                  |
|----------|-----|---|--------------------|----|----|------------------|
| S26<br>2 | 155 | (norbornene near1 ethylene) and (container or bottle) and (pigment or colorant or tint)                                   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:37 |
| S26<br>3 | 0   | S262 not S260   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:35 |
| S26<br>4 | 89  | S262 not S259   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:37 |
| S26<br>5 | 284 | (norbornene near1 ethylene) and (container or bottle)   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:37 |
| S26<br>6 | 141 | (norbornene near1 ethylene) and (container or bottle) and transparent   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:49 |
| S26<br>7 | 148 | (norbornene near1 ethylene) and (container or bottle) and glass adj1 transition   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:49 |
| S26<br>8 | 32  | (container or bottle) and (norbornene near1 ethylene) same glass adj1 transition  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:56 |
| S26<br>9 | 4   | (norbornene near1 ethylene) same yellow\$3  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:56 |
| S27<br>0 | 3   | (norbornene near1 ethylene) same blu\$4   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:57 |
| S27<br>1 | 255 | (norbornene near1 ethylene) and yellow\$3   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 10:57 |
| S27<br>2 | 225 | (norbornene near1 ethylene) and yellow\$3 not cosmetic  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:25 |
| S27<br>3 | 0   | 2004/0236024  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:26 |
| S27<br>4 | 1   | "20040236024"   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:26 |
| S27<br>5 | 0   | S274 and transparent  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:26 |
| S27<br>6 | 0   | S274 and clear  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:26 |
| S27<br>7 | 1   | S274 and transparency   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:27 |
| S27<br>8 | 66  | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and (container or bottle) and transparency | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:27 |
| S27<br>9 | 20  | S278 not S266   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:27 |
| S28<br>0 | 33  | ((copolymer or co\$1polymer\$1) near1 (\$1norbornene\$1 near1 \$1ethylene\$1)) and (container and bottle)                 | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:31 |

## EAST Search History

|          |     |  |                    |    |    |                  |
|----------|-----|--|--------------------|----|----|------------------|
| S28<br>1 | 781 | molded adj1 articles same<br>(container and bottle)  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:32 |
| S28<br>2 | 0   | ((copolymer or co\$1polymer\$1)<br>near1 (\$1norbornene\$1 near1<br>\$1ethylene\$1)) and molded adj1<br>articles same (container and bottle) | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:32 |
| S28<br>3 | 3   | (\$1norbornene\$1 near1<br>\$1ethylene\$1) and molded adj1<br>articles same (container and bottle)   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:34 |
| S28<br>4 | 95  | (\$1norbornene\$1 near1<br>\$1ethylene\$1) and (container and<br>bottle)   | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:40 |
| S28<br>5 | 0   | S274 and bottle  | US-PGPUB;<br>USPAT | OR | ON | 2006/03/02 11:40 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L2    | 1    | "20030149148"  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/03/02 14:06 |
| L3    | 0    | 2 and flow   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/03/02 14:06 |
| S2    | 199  | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin)   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/27 10:12 |
| S3    | 1    | container same (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellowness adj1 index) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/16 17:50 |
| S4    | 6    | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) and (yellowness adj1 index)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/16 18:09 |
| S5    | 1    | container and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) same (yellowness adj1 index) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/16 17:52 |
| S6    | 3    | container same (yellowness adj1 index) and (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/21 11:21 |
| S7    | 1    | (cycloolefin or cyclo\$1olefin\$1 or cyclo adj1 olefin or cyclicolefin or cyclic\$1olefin\$1 or cyclic adj1 olefin) adj1 (copolymer or co\$1polymer\$1) same (yellowness adj1 index)               | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/16 17:58 |
| S8    | 1    | ((cycloolefin) or (cyclo\$1olefin\$1) or (cyclo adj1 olefin) or (cyclicolefin) or (cyclic\$1olefin\$1) or (cyclic adj1 olefin)) adj1 (copolymer or co\$1polymer\$1) same (yellowness adj1 index)   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/02/16 17:58 |